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AMENDMENTS TO THE SPECIFICATION

Please amend the specification by rewriting the following paragraphs, as set forth below in marked-up form.

Please amend the paragraph on page 13, lines 10-16 as follows:

--Among the epoxy resins available by the reaction between a polyphenol compound and epichlorohydrin, those derived from bisphenol A and represented by the following formula:

wherein n stands for 0 to 8 are preferred.--

Please amend the specification from page 46, line 14 to page 47, line 16 as follows:

-- Preparation Example 9: Curing Agent (No. 2)

"COSMONATE M-200" (270-parts_g) and 25-parts_g of methyl isobutyl ketone were added to a reaction vessel. The resulting mixture was heated to 70°C. After 15 parts-g of 2,2-dimethylbutane was added in portions and 118 parts-g of ethylene glycol monobutyl ether was added dropwise, the mixture was reacted at 70°C for 1 hour. The reaction mixture was cooled and 152 parts-g of propylene glycol was added thereto.

While keeping the temperature, sampling was conducted time-dependently. The disappearance of the absorption of unreacted isocyanate was confirmed by infrared absorption spectrum, whereby a curing agent No. 2 having a solid content of 90% was

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obtained.

Preparation Example 10: Curing Agent 3

A curing agent No. 3 having a solid content of 90% was obtained by adding dropwise 174 parts-g of methyl ethyl ketoxime to 222 g of isophorone diisocyanate and 44 g of methyl isobutyl ketone at 50°C.

Preparation of Emulsion for Cationic Coating Composition

Preparation Example 11: Emulsion No. 1

After uniformly stirring a mixture of 87.5 parts-g_(70 parts-g_in terms of a resin content) of Base resin No. 1, 33.3 g (30 g in terms of a resin content) of Curing agent No. 1 and 13 parts-g of 10% acetic acid, deionized water was added dropwise in about 15 minutes while vigorously stirring the reaction mixture, whereby Emulsion No. 1 having a solid content of 34% was obtained.--

Please amend Table 1, Table 2, and Table 3 as follows (starting on page 4 of this amendment)

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	a section of the sect	Tak	Table 1:	Emulsic	n Comp	Emulsion Composition	1					
		Prep.	Prep.	Prep.	Prep.	Prep.	Prep.	Prep.	Prep.	Prep.	Prep.	
		Ex. 11	Ex. 12	Ex. 13	Ex. 14	Ex. 15	Ex. 16	Ex. 17	Ex. 18	Ex. 19	Ex. 2	20
	Emulsion	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 1	10
Composi-	Base resin No. 1											
tion	(solid content: 80%	÷					, L					
	by wt.)	1 1 1 0 1 1					a / . D .	87.5				.,
= Ğ国)	Xylene formaldehyde	+1					+ (0/.)	+ (0/.)				
Epoxy	resin											
Resin)	Base resin No. 2											Π
	(solid content: 80%	-	, L									
	by wt.)		87.5°									,
	Xylene formaldehyde		+1									
	resin											
	Base resin No. 3											
	(solid content: 80%			87.5*								
	by wt.)			(10)		•	-					
	Polyol-modified Ep											
	Base resin No. 4											
	(solid content: 80%				* U				•			
	by wt.)				1 6 6							
	Nonylphenol-added				+ (0/)							
	polyol modified Ep											
	Base resin No. 5											
	(solid content: 80%					, C		•				
	by wt.)	• "				, C. / 8						
	Benzoic-acid-added					+/0/)						
	polyol-modified Ep											

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Base resin No. 6										
(solid content: 80%	8(87.5*	87.5*	87.5*
by wt.)						_		(10)	(10)	(10)
Amine-added Ep										
Curing agent No. 1			·							
(solid content: 90%	33.3*	33.3*	33.3*	33.3*	33.3*			33.3*		
by wt.)	(30) =	(30) #	(30) ‡	(30) ‡	(30) #			(30) ‡		
(Crude MDI (1))	-									
Curing Agent No. 2	-									
(solid content: 90%	%	·				÷			, ,	
by wt.)	_					33.3			× 5 · 5 × × × × × × × × × × × × × × × ×	
(Crude MDI-PG block	ock					± (05)			+ (05)	
(2))										
Curing agent No. 3										
(solid content: 90%							33.3*			33.3*
by wt.)							(30) #			(30) =
$(IPDI-Ox_{(3)})$										
10% by wt. acetic	*	, ,	* *	÷	*	*	* C	, ,	, ,	÷
acid	- I	- I	1	1.0	101		1.5	- CT	177	1.2
Deionized water	160.2*	160.2*	160.2*	160.2*	160.2*	160.2*	160.2*	160.2*	160.2*	160.2*
+ · · · · · · · · · · · · · · · · · · ·	294*	294*	294*	294*	294*	294*	294*	294*	294*	294*
34 & Dy WL. Emuision	(100) #	(100) #	(100) #	(100) #	(100) #	(100)	(100) #	(100) #	(100) #	(100) #
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4										

* = parts by weight
t = parts by weight in terms of resin content

(1) MDI = diphenylmethane-2,4' and/or -4,4'-diisocyanate

(2) MDI-PG = diphenylmethane-2,4' and/or -4,4'-diisocyanate blocked by propylene glycol (3) IPDI-Ox = isophorone diisocyanate blocked by an oxime compound

Table 2: Composition of Pigment Dispersed Paste

	Preparation	Preparation
	Example 21	Example 22
Pigment dispersed paste	No. 1	No. 2
Epoxy quaternary ammonium type	5.83*	5.83*
dispersing resin	(3.5) #	(3.5) #
Titanium oxide	14.5*	14.5*
Purified clay	44	7*
Bismuth hydroxide	*T	*
Dioctyltin oxide	1,*	*.
Carbon black	0.4*	0.4×
Deionized water	20.1*	21.8*
+ · · · · · · · · · · · · · · · · · · ·	49.8*	53.5*
sorra concent: 33% Dy wr.	(27.4) ‡	(29.4) ‡

* = parts by weight ‡ = parts by weight in terms of resin content

53.5* Comp. **296*** 647* 297* NO. Coating Film Test Results Comp. Ex. 2 σ 49.8* 296* 647* 297* . No. Comp. Ex. 1 53.5* ω ₹062 637* 297* No. 49.8* 7 290* 297* 637* Ex. Š. 49.8* 9 9 290* 297* 637* ΞX. No. Ŋ 49.8* 290* 637* 297* οĘ . 0 Ex. Cationic Coatings Properties 49.8* 4 4 637* ¥062 297* EX. NO. 49.8* 290* 637* ო ന 297* EX. Š. 49.8* N N ¥067 637* 297* EX. No. 49.8* Н -**290*** 637* 297* No. EX. Emulsion No. 10 (Base resin No. 6, Curing agent No. 3) Pigment-dispersed paste No. Pigment-dispersed paste No. Emulsion No. 1 (Base resin No. 1, Curing agent No. 1) Emulsion No. 2 (Base resin No. 2, Curing agent No. 1) Emulsion No. 3 (Base resin No. 3, Curing agent No. 2) Emulsion No. 4 (Base resin No. 4, Curing agent No. 1) Emulsion No. 5 (Base resin No. 5, Curing agent No. 1) Emulsion No. 6 (Base resin No. 1, Curing agent No. 2) Emulsion No. 7 (Base resin No. 1, Curing agent No. 3) Emulsion No. 8 (Base resin No. 6 Curing agent No. 1) Emulsion No. 9 (Base resin No. 6, Curing agent No. 2) oĘ 20% Cationic coating Compositions Cationic coating Deionized water Table 3-1: Composi-tion

* = parts by weight

Table 3-2: Compositions of Cationic Coatings. Properties of Coating Film. Test Results

_				_			
	48* _	60.3*	2.3*	ລ	ນ	В	В
	56*	58.5*	2.8*	В	В	A	A
	55*_	56.2*	2.7*	æ	В	¥	B
	65*	11.5*	3.1*	В	А	А	A
	72*	8.1*	4.7* 3.5*	В	A	Ą	A
	85*	5.3*	4.7*	А	A	A	A
	85* *	5.8*	4.8*	А	A	A	A
	78*	6.2*	4.8*	А	A	Ą	A
	82 <u>*</u>	5.6*	5.0*	A	A	A	A
	08	4.1	5.1*	A	A	Ą	А
	Glass transition point (°C) *2	Oxygen permeability *3 (x10 ⁻¹²) 4.1* cc.cm/cm².sec.cmHg	Adhesion (kg/cm²) *4	Corrosion resistance *5	Resistance against hot salt- water immersion *6	Exposure corrosion resistance	Finish property (horizontal surface) *8
	Properties of coating					Test results	

* = parts by weight